

B. Sc. PHYSICS-EEM PROGRAMME – Under Graduate Programmes under Choice Based Credit System, 2017 (UG CBCS 2017).

The Board of Studies in Physics (UG) recognizes that curriculum, course content and assessment of scholastic achievement play complementary roles in shaping education. The committee is of the view that assessment should support and encourage the broad instructional goals such as basic knowledge of the discipline of Physics including phenomenology, theories and techniques, concepts and general principles. This should also support the ability to ask physical questions and to obtain solutions to physical questions by use of qualitative and quantitative reasoning and by experimental investigation. The important student attributes including appreciation of the physical world and the discipline of Physics, curiosity, creativity and reasoned skepticism and understanding links of Physics to other disciplines and to society should give encouragement. With this in mind, we aim to provide a firm foundation in every aspect of Physics and to explain a broad spectrum of modern trends in physics and to develop experimental, computational and mathematics skills of students.

PROGRAMME SPECIFIC OUTCOMES

PSO1 –Understand the basic concepts, theories and principles of various branches of Physics and realize the contributions of great physicists

PSO2 - Explain a broad spectrum of modern trends in physics and to develop experimental, computational and mathematics skills of students.

PSO3 -Develop their experimental, observation and data analysis skills through a wide range of experiments through practical at laboratories.

PSO4-Create positive attitude towards the environment, ecosystem and energy conservation

PSO5 -Provide an exposure to practical working environment and industrial practices.

PSO6 – Provide opportunities to find links across different areas of knowledge and generate, develop and evaluate ideas and information related to the project.